

RATING FORM FOR WASTE DISPOSAL SITES

NAME OF SITE Radon L.E. Carpenter ACTIVE: INACTIVE: INACTIVE AND ABANDONED (CIRCLE ONE)

LOCATION Wharton, N.J.

OWNER/OPERATOR Dryco Co.

COMMENTS:

346242



PREPARED BY: AHS ON 8/11/80 19 80

RATING FACTOR	SOURCE AND BASIS OF INFORMATION	SITE RATING (CIRCLE ONE)	MULTIPLIER	SITE SCORE	MAXIMUM POSSIBLE SCORE
RECEPTORS					
POPULATION WITHIN 1,000 FEET		0 ③ 2 3	12	12	36
DISTANCE TO NEAREST DRINKING WATER WELL		0 1 2 ③	8	24	24
DISTANCE TO NEAREST OFF-SITE BUILDING		0 1 2 ③	8	24	24
LAND USE/ZONING		0 1 ② 3	6	12	18
CRITICAL ENVIRONMENTS		0 1 2 3	6		18
ADDITIONAL POINTS FOR OTHER RECEPTORS	Rockaway River - drinking water source			50 30	50
NUMBER OF MISSING AND ASSUMED VALUES = <u>1</u> OUT OF 5.				SUBTOTALS	102 152
PERCENTAGE OF MISSING AND ASSUMED VALUES = <u>20</u> %.				SUBSCORE (SITE SCORE DIVIDED BY MAXIMUM SCORE AND MULTIPLIED BY 100.)	67

PATHWAYS

EVIDENCE OF CONTAMINATION		0 1 2 ③	2	6	6
LEVEL OF CONTAMINATION		0 1 ② 3	7	14	21
TYPE OF CONTAMINATION		0 1 2 ③	5	15	15
DISTANCE TO NEAREST SURFACE WATER		0 1 2 ③	8	24	24
DEPTH TO GROUNDWATER		0 1 2 ③	7	21	21
NET PRECIPITATION		0 1 2 ③	6	18	18
SOIL PERMEABILITY		0 1 ② 3	6	12	18
BEDROCK PERMEABILITY		0 1 2 3	4		12
DEPTH TO BEDROCK		③ 1 2 3	4	0	12
ADDITIONAL POINTS FOR OTHER PATHWAYS	runoff contamination			5	25
NUMBER OF MISSING AND ASSUMED VALUES = <u>1</u> OUT OF 9.				SUBTOTALS	115 160
PERCENTAGE OF MISSING AND ASSUMED VALUES = <u>11</u> %.				SUBSCORE (SITE SCORE DIVIDED BY MAXIMUM SCORE AND MULTIPLIED BY 100.)	72

NAME OF SITE _____

WASTE CHARACTERISTICS

	0	1	2	3	7		
TOXICITY				3		21	21
RADIOACTIVITY	0	1	2	3	7	0	21
PERSISTENCE	0	1	2	3	5	10	15
IGNITABILITY	0	1	2	3	3	6	9
REACTIVITY	0	1	2	3	3		9
CORROSIVENESS	0	1	2	3	3	0	9
SOLUBILITY	0	1	2	3	4	12	12
VOLATILITY	0	1	2	3	4		12
PHYSICAL STATE	0	1	2	3	4	8	12
ADDITIONAL POINTS FOR OTHER WASTE CHARACTERISTICS	PVC, suspected teratogen, possible vinyl chloride present Carcinogens (Cd, chlorinated organics)					4	20
NUMBER OF MISSING AND ASSUMED VALUES =	2 OUT OF 9.					61	119
PERCENTAGE OF MISSING AND ASSUMED VALUES =	33 %					SUBSCORE (SITE SCORE DIVIDED BY MAXIMUM SCORE AND MULTIPLIED BY 100.)	
						51	

WASTE MANAGEMENT PRACTICES

	0	1	2	3	7		
SITE SECURITY				3		21	21
HAZARDOUS WASTE QUANTITY	0	1	2	3	7		21
TOTAL WASTE QUANTITY	0	1	2	3	5		15
WASTE INCOMPATIBILITY	0	1	2	3	5	0	15
USE OF LINERS	0	1	2	3	3	9	9
USE OF LEACHATE COLLECTION SYSTEMS	0	1	2	3	3	6	9
USE OF GAS COLLECTION SYSTEMS	0	1	2	3	2	6	6
USE AND CONDITION OF CONTAINERS	0	1	2	3	2	6	6
ADDITIONAL POINTS FOR OTHER WASTE MANAGEMENT PRACTICES	open trenches, incomplete records, poor management					8	30
NUMBER OF MISSING AND ASSUMED VALUES =	2 OUT OF 8.					56	96
PERCENTAGE OF MISSING AND ASSUMED VALUES =	25 %					SUBSCORE (SITE SCORE DIVIDED BY MAXIMUM SCORE AND MULTIPLIED BY 100.)	
						58	

NUMBER OF MISSING AND ASSUMED VALUES = 6 OUT OF 31.

PERCENTAGE OF MISSING AND ASSUMED VALUES = 19 %

TOTAL SITE SCORE

TOTAL MAXIMUM POSSIBLE SITE SCORE

OVERALL SCORE
(TOTAL SCORE DIVIDED BY MAXIMUM SCORE
AND MULTIPLIED BY 100)

334

527

63

NAME OF SITE

L-E, Carpenter

ACTIVE: ☒ INACTIVE: ☐ INACTIVE AND ABANDONED (CIRCLE ONE)

LOCATION

Wharton N.J.

OWNER/OPERATOR

Doyco Corp

COMMENTS:

PREPARED BY:

AHS

ON

8/11/1

19 80

FACTOR

OBSERVATION

RECEPTORS

POPULATION WITHIN 1,000 FEET

~5

DISTANCE TO NEAREST
DRINKING-WATER WELL

~ 0.25 mile

DISTANCE TO NEAREST
OFF-SITE BUILDING

~ 300 ft.

LAND USE/ZONING

industrial semi-rural bordering on residential

CRITICAL ENVIRONMENT

USE OF SITE BY RESIDENTS

USE OF NEAREST BUILDINGS

PRESENCE OF PUBLIC
WATER SUPPLIES

Rockaway R.

PRESENCE OF AQUIFER
RECHARGE AREA

below & downgradient

PRESENCE OF TRANS-
PORTATION ROUTES

N. Main St.

PRESENCE OF IMPORTANT
NATURAL RESOURCES

OTHER:

leachate to Rockaway R. - drinking water source

PATHWAYS

EVIDENCE OF CONTAMINATION

lab analysis

TYPE OF CONTAMINATION

visible vegetation damage

LEVEL OF CONTAMINATION

groundwater

DISTANCE TO NEAREST
SURFACE WATER

~ 200 ft

DEPTH TO GROUND WATER

3-5 ft.

NET PRECIPITATION

> 20 in

SOIL PERMEABILITY

unconsolidated sediment - glacial outwash

BEDROCK PERMEABILITY

DEPTH TO BEDROCK

~ 70 ft

EROSION AND RUNOFF
PROBLEMS

yes

SUSCEPTIBILITY TO FLOODING

yes - 100 year flood plain

SLOPE INSTABILITY

no

SEISMIC ACTIVITY

no

OTHER:

runoff contamination

WASTE CHARACTERISTICS	
TOXICITY	phthalate esters, xylene, PVC (vinyl mfg) Hg 6 ppb chlorinated organics, Cd 274 ppb, Cr 2.1 ppm, Pb 14 ppm
PERSISTENCE	xylene - somewhat persistent, Hg, Cd, Cr highly
RADIOACTIVITY	no
IGNITABILITY	flammables F.P. = 98°F
REACTIVITY	
CORROSIVENESS	no
SOLUBILITY	low
VOLATILITY	yes (but unknown constituents)
PHYSICAL STATE	solid, liquid & sludge
INFECTIOUSNESS	no
BIOACCUMULATION POTENTIAL	
CARCINOGENICITY, TERATOGENICITY, AND MUTAGENICITY	carcinogens (chlor. organics, Cd, Cr); possible teratogen (PVC) acute toxins (Hg, Pb)
OTHER:	

WASTE MANAGEMENT PRACTICES	
SITE SECURITY	open access
HAZARDOUS WASTE QUANTITY	
TOTAL WASTE QUANTITY	
WASTE INCOMPATIBILITY	
USE OF LINERS	none
USE OF LEACHATE COLLECTION SYSTEMS	pooling, but inadequate - runoff occurs in heavy rain
USE OF GAS COLLECTION SYSTEMS	no
USE AND CONDITION OF CONTAINERS	broken & leaking containers
LACK OF SAFETY MEASURES	little or none
EVIDENCE OF OPEN BURNING	no
DANGEROUS HEAT SOURCES	no
INADEQUATE WASTE RECORDS	incomplete
INADEQUATE COVER	open trenches
OTHER:	very poor housekeeping procedures